SEQUENCE LISTING

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<110> Liu, Chuan-Fa
     Feige, Ulrich
      Cheetham, Janet C.
<120> Thrombopoietic Compounds
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<150> 60/105,348
<151> 1998-10-23
<160> 46
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His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu
Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr
Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn
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85 90 95

Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro 100 105 110

Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln 115 120 125

Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val 130 135 140

Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val 145 150 155 160

Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro 165 170 175

Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr 180 185 190

Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val 195 200 205

Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu 210 215 220

Ser Pro Gly Lys

225

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<210> 7

<211> 8

<212> PRT

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<223> Description of Artificial Sequence: peptide

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<210> 8

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<210> 11
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      by disulfide bond between intramolecular Cys
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Ala Ala Arg Ala
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Gly Gly Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Ala Leu
Ala Ala Arg Ala
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Ala Ala Arg Ala
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<210> 18 <211> 36

<220> <223> Lys residue at position 18 is Bromoacetylated <220> <223> Description of Artificial Sequence: derivatized peptide <400> 15 Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala Gly Gly Gly Lys Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala <210> 16 <211> 36 <212> PRT <213> Artificial Sequence <223> Description of Artificial Sequence: peptide <400> 16 Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala Gly Gly Gly Cys Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala 35 <210> 17 <211> 36 <212> PRT <213> Artificial Sequence <223> Lys at position 18 is pegylated <220> <223> Description of Artificial Sequence: derivatized peptide <400> 17 Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala Gly Gly Gly Lys Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala 35

Ala Ala Arg Ala 35

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<213> Artificial Sequence
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<223> Cys at position 18 is pegylated
<220>
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Gly Cys Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu
Ala Ala Arg Ala
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<211> 36
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Gly Asn Gly Ser Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu
Ala Ala Arg Ala
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<210> 20
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<220>
<223> Description of Artificial Sequence: peptide
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 Gly Cys Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu
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Gly Gly Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu
Ala Ala Arg Ala
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<211> 32
<212> PRT
<213> Artificial Sequence
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<223> Peptide is derivatized at the amino teminus with a
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<223> Description of Artificial Sequence: peptide
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Asn Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala
<210> 23
<211> 32
<212> PRT
<213> Artificial Sequence
<223> Peptide is covalently bonded at the animo and
       carboxy termini to an immunoglobulin Fc region
<220>
<223> Description of Artificial Sequence: peptide
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Asn Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala
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25

20

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<210> 24
<211> 36
<212> PRT
<213> Artificial Sequence
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      terminus to an immunoglobulin Fc region
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Ala Ala Arg Ala
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<211> 34
<212> PRT
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Arg Ala
<210> 26
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Ala Ala Arg Ala

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<213> Artificial Sequence
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      to an immunoglobulin Fc region
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Ala Ala Arg Ala
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      to an immunoglobulin Fc region
<223> Description of Artificial Sequence: peptide
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Gly Lys Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu
Ala Ala Arg Ala
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       to an immunoglobulin Fc region
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Gly Cys Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu 20 25 30

Ala Ala Arg Ala 35

<210> 32

<211> 36

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide

<220>

<223> Peptide is covalently bonded at the amino terminus to an immunoglobulin Fc region

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Gly Asn Gly Ser Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu 20 25 30

Ala Ala Arg Ala 35

<210> 33

<211> 36

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: peptide

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<223> Peptide is a subunit of a homodimer; Subunits in the homodimer are colvantly bonded through a disulfide bond between Cys residues at position 18 of each subunit

<220>

<223> Peptide is covalently bonded at the amino terminus to an immunoglobulin Fc region

<400> 33

Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala Gly Gly
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Gly Cys Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu 20 25 30

Ala Ala Arg Ala

<210> 34

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<223> Peptide is covalently bonded at the amino terminus
      to an immunoglobulin Fc region
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Ala Arg Ala Gly Gly Gly Gly Gly Gly Gly Ile Glu Gly Pro Thr
Leu Arg Gln Trp Leu Ala Ala Arg Ala
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	<400> 41 Lys Gly Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu 1 5 10 15
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	Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala 35 40
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	<220> <223> Description of Artificial Sequence:

oligonucleotide

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<211> 861
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 ggttcctgtg ggagtactag agggcctggg gactccagtg tacgcaccac cacctgcact 180
 cggtgcttct gggactccag ttcaagttga ccatgcacct gccgcacctc cacgtattac 240
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 cggaccagtt tccgaagata gggtcgctgt agcggcacct caccctctcg ttacccgtcg 540
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Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Asp Val Ser

His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu 50 55 60

Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr
65 70 75 80

Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn 85 90 95

Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro 100 105 110

Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln 115 120 125

Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val 130 135 140

Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val 145 150 155 160

Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro 165 170 175

Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr 180 185 190

Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val 195 200 205

Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu 210 215 220

Ser Pro Gly Lys Gly Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg 225 230 235 240

Gln Trp Leu Ala Ala Arg Ala Gly Gly Gly Gly Gly Gly Gly Ile

245 250 255

Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala 260 265 : †